



BIM PROFICIENCY TRAINING

FUNDAMENTAL MODELLING OF ARCHITECTURE

COURSE OUTCOME: ●

The developments of the course outcome are based on the international and local standards of scope of work, defined for BIM modellers roles and responsibilities. It is therefore, targeted at skill sets to develop competency in hands-on technical skill, BIM knowledge and pro-active problem solving which tailored to suit local requirement. Upon successful completion of this course, the participants are expected to be able to:

- Operate a 3D parametric modelling tool
- Interpret design intent to be used in technical modelling
- Develop a 3D BIM model appropriately
- Extract & prepare related design deliverables such as drawings, material schedule, schedule of accommodation and etc.
- Utilise 3D BIM model as interaction, communication and collaboration tools
- Apply BIM based process flow of technical modelling
- Identify problems and associated challenges in delivering BIM based process flow

Pre-Requisite :

- Has attended BIM Concept & Theory
- Knowledgeable in architectural design, engineering or construction
- Basic knowledge of BIM tools and concept

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COURSE OUTLINE:

DAY 01

Introduction

- Introduction to basic concept
- Introduction to Revit interface
- Revit features and function
- Model navigation Architecture Modelling
- Adding Elevations and gridlines
- Creating wall
- Adding doors and windows

DAY 02

Creating Architecture Modelling

- Creating floor
- Creating staircase
- Creating shaft opening
- Creating roof
- Adding furniture components Annotation and Tagging
- Labelling and tagging
- Dimensioning
- Room Tag

DAY 03

Modelling Output

- Creating door and window schedule
- Creating schedule of accommodation

Creating Drawing Sheet

- Adding project information
- Creating sheet drawing
- Adding sheet to the project
- Adding new views in sheets

DAY 04

Revision

Exam

FOR MORE INFORMATION:



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<https://www.swinburne.edu.my/academic-school/short-courses>



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